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<p>(21) International Application Number: PCT/US97/09742</p> <p>(22) International Filing Date: 4 June 1997 (04.06.97)</p> <p>(71) Applicant (<i>for all designated States except US</i>): IDEA INC. [US/US]; 400 Seventh Street, N.W., Washington, DC 20004 (US).</p> <p>(71)(72) Applicant and Inventor: HUANG, Ing-Jing [-]; 218 Cheng Kong 3rd Road, Nantou City (TW).</p> <p>(74) Agents: HOLMAN, John, Clarke et al.; Jacobson, Price, Holman & Stern, The Jenifer Building, 400 Seventh Street, N.W., Washington, DC 20004 (US).</p>		<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report.</i></p>
<p>(54) Title: AIR CUSHION</p> <p>(57) Abstract</p> <p>A three-dimensional air cushion (1) having a sealed outer peripheral edge of a geometric shape. The projected area of the hollow interior (10) sealed by the outer peripheral edge is smaller than the upper surface area of the air cushion. Air chambers (10) are provided in an upper surface and a lower surface of the cushion, giving excellent buffering function. Two opposite sides of the cushion have a level higher than an intermediate portion to force an object in protect, or a shock source, to move to the center, with the shock energy converted into side support energy, thus obtaining great stability.</p>		

INTERNATIONAL SEARCH REPORT

International applications No.
PCT/US97/09742

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :A43B 7/08

US CL :36/3 B, 3 R

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 36/3 B, 3 R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,606,806 A (O'DWYER) 04 March 1997, see entire document.	1-448
Y	US 5,537,762 A (WALTERS) 23 July 1996, see entire document.	1-448
Y	US 5,515,622 A (LEE) 14 May 1996, see entire document.	1-448
Y	US 5,353,525 A (GRIM) 11 October 1994, see entire document.	1-448

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but not cited to understand the principle or theory underlying the invention
A document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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P document published prior to the international filing date but later than the priority date claimed		

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